

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-143018

(43)Date of publication of application : 24.05.1994

(51)Int.Cl.

B23C 3/06

(21)Application number : 04-289112 (71)Applicant : MITSUBISHI MATERIALS

CORP

TOYOTA MOTOR CORP

(22)Date of filing : 27.10.1992 (72)Inventor : TAKIGUCHI MASAHIRO

TAZAWA MITSUGI

TAKASAKI KAZUHIRO

YOSHIMURA HIROHITO

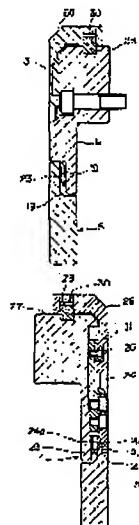
ISHIKAWA MASAHIRO

(54) MOUNTING MECHANISM OF PIN MILLER CUTTER

(57)Abstract:

PURPOSE: To facilitate attachment/detachment of a pin miller cutter, and to extend the life of each member.

CONSTITUTION: Teeth 19, 21 are provided at an equal interval on the outer peripheral part of a pin miller cutter 5 in the circumferential direction. A tooth 23 biting into the teeth 19, 21 is provided on the inner circumferential part of a cutter mounting part 7 in the circumferential direction. An engagement member 24 for pressing a tooth 21 of the notch of the pin miller cutter 5 at its proceeding point, is provided on the cutter mounting part 7 so that the engagement member 24 can move forward and backward. A guide groove 31 to be fitted in a guide pin 26 of the engagement member 24 is provided on a fixed member 28 to be guided by a protruded piece 29 for guiding of the cutter mounting part 7, and the engagement member 24 is moved



forward and backward by rotating the fixed member 28.